AUTODOC CLUB

How to change spark plugs on **Audi A4 B5 Avant** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
AUDI A4 Saloon (8D2, B5) 1.6, AUDI A4 Saloon (8D2, B5) 1.8, AUDI A4 Saloon (8D2, B5) 1.8 T, AUDI A4 Saloon (8D2, B5) 1.8 quattro, AUDI A4 Avant (8D5, B5) 1.6, AUDI A4 Avant (8D5, B5) 1.8, AUDI A4 Avant (8D5, B5) 1.8 quattro, AUDI A6 Saloon (4A2, C4) 1.8, AUDI A6 Avant (4A5, C4) 1.8, AUDI A6 Saloon (4A2, C4) 1.8 quattro, AUDI A6 Avant (4A5, C4) 1.8 quattro, AUDI A3 Hatchback (8L1) 1.6, AUDI A3 Hatchback (8L1) 1.8, AUDI A3 Hatchback (8L1) 1.8 T, AUDI A3 Hatchback (8P1) 1.6 E-Power, (+ 20)

The steps may slightly vary depending on the car design.

REPLACEMENT: SPARK PLUGS – AUDI A4 B5 AVANT.
TOOLS YOU NEED:



- High-temperature anti-seize lubricant
- Spark plug socket # 16
- HEX bit no.H5.
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Fender cover

BUY TOOLS

Replacement: spark plugs – Audi A4 B5 Avant. AUTODOC recommends:

- The replacement procedure is the same for all spark plugs.
- Warning! Shut down the engine before starting any work – Audi A4 B5 Avant.

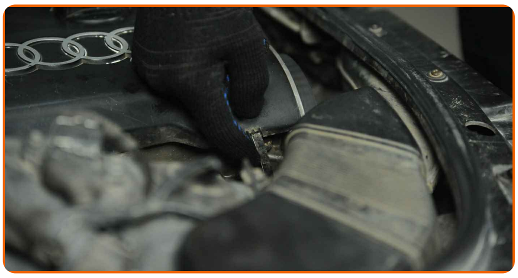
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Remove the engine cover clips. Use a flat screwdriver.



4 Remove the engine cover.



Replacement: spark plugs – Audi A4 B5 Avant. Tip:

- Do not apply excessive force when removing the part. Otherwise you may damage it.

5 Unplug the connectors from the ignition coils. Use a flat screwdriver.



6 Unscrew the fasteners of the ignition coils. Use HEX No.H5. Use a ratchet wrench.



7 Take out the ignition coils from the spark plug wells.

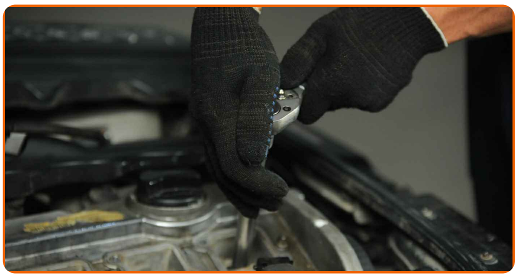


Replacement: spark plugs – Audi A4 B5 Avant. AUTODOC experts recommend:

- Remember the sequence of steps for ignition coil demounting.

8 Clean dirt, dust and debris from inside the spark plug wells.

9 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



10 Take out the spark plugs. Use the spark plug socket #16.



11 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



12 Install the new spark plugs into their mounting seats. Use the spark plug socket #16.



13 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 27 nm torque.



Replacement: spark plugs – Audi A4 B5 Avant. Tip from AUTODOC:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

14 Install the ignition coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.



AUTODOC recommends:

- Replacement: spark plugs – Audi A4 B5 Avant. Follow the installation steps.

15 Plug in the connectors of the ignition coils.



16 Tighten the fasteners of the ignition coils. Use HEX No.H5. Use a torque wrench. Tighten it to 12 Nm torque.



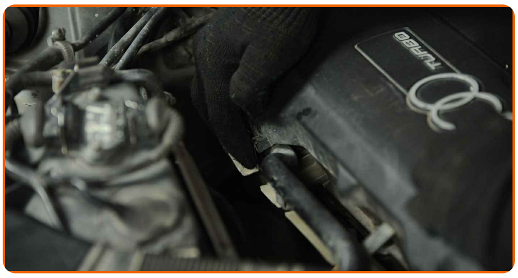
17 Install the engine cover and secure it.



Replacement: spark plugs – Audi A4 B5 Avant. Tip from AUTODOC experts:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Do not apply excessive force when installing the part. Otherwise you may damage the fasteners.

18 Reinstall the engine cover clips.



19 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



20 Shut off the engine.

21 Remove the fender protection cover.

22 Close the hood.

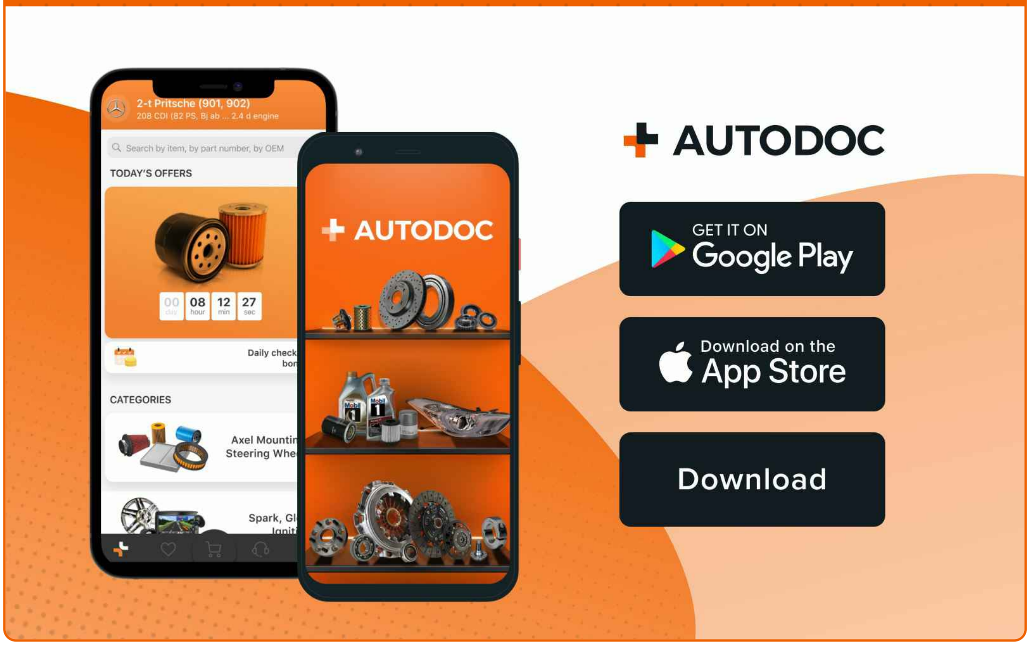


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